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[Title of the Invention] A communication meeting system, a method, and terminal unit
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[Document Name] Abstract

[Abstract]
[A technical problem] It enables it to check common application capability simply.
[Means for Solution] Terminal 10A investigates the application capability of self to reference, and transmits a file extension to it at a partner terminal (for example, 10B). If the application capability of Terminal 10A to the terminal 10A is received, Terminal 10B investigates the application capability of self, compares both, detects common application capability, and it will transmit to Terminal 10A while memorizing to memory storage. Terminal 10A memorizes the common application capability transmitted from Terminal 10B to memory storage. Henceforth, Terminal 10A displays the icon of the application software belonging to common application capability on the screen of the display device 16, and displays the icon of the application software to which Terminal 10B belongs to common application capability similarly on the screen of a display device.
[A selection figure] drawing 1

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[Document Name] Description

[Title of the Invention] A communication meeting system, a method, and a terminal unit

[Claim(s)]

[Claim 1] It is the communication meeting system which holds a communication meeting among two or more terminals connected through a communication line using an application share function. One terminal transmits to the terminal of another side, and the application capability of self [the terminal of the another side concerned] While detecting and memorizing the common application capability common to the application capability to have received, and the application capability of self, transmit to concerned one terminal and [concerned one terminal] The communication meeting system characterized by memorizing the common application capability transmitted from the terminal of the another side concerned.

[Claim 2] Among two or more terminals connected through a communication line, are the communication meeting system which holds a communication meeting using an application share function, and [a sending end terminal] An application detection means to detect the application software capability of a self-terminal, Provide a notice means of application capability to notify the application capability detected by said application detection means to other one or more partner terminals, and the end of a receiving side edge An application detection means to detect the application capability of a self-terminal, A common application capability detection means to measure the application capability and the application capability of a self-terminal which were notified from the partner terminal, and to detect common application capability, The communication meeting system characterized by providing a common application capability memory means to memorize the detected common application capability, and a notice means of common

application capability to notify the common application capability concerned to a partner terminal.

[Claim 3] The communication meeting system possessing a display means by which each terminal displays the application software belonging to the above-mentioned common application capability according to claim 2.

[Claim 4] The step at which it is the method of holding a communication meeting using an application share function, and one terminal transmits the application capability of self to the terminal of another side among two or more terminals connected through a communication line, The step which transmits to concerned one terminal while the terminal of the another side concerned detects and memorizes the common application capability common to the application capability to have received, and the application capability of self, The communication meeting method characterized by concerned one terminal consisting of a step which memorizes the common application capability transmitted from the terminal of the another side concerned.

[Claim 5] The communication meeting method according to claim 4 that each terminal possesses the step which displays the application software belonging to the above-mentioned common application capability.

[Claim 6] The terminal unit characterized by providing an application detection means to detect the application software capability of a self-terminal, and a notice means of application capability to notify the application capability detected by said application detection means to other one or more partner terminals.

[Claim 7] Furthermore, a common application capability detection means to measure the application capability and the application capability of a self-terminal which were notified from the partner terminal, and to detect common application capability, The terminal unit possessing a common application capability memory means to memorize the detected common application capability, and a notice means of common application capability to notify the common application capability concerned to a partner terminal according to claim 6.

[Claim 8] Furthermore, the terminal unit possessing a display means to display the application software belonging to the above-mentioned common application capability according to claim 7.

[Claim 9] An application detection means to detect the application capability of a self-terminal, A common application capability detection means to measure the application capability and the application capability of a self-terminal which were notified from the partner terminal, and to detect common application capability, The terminal unit characterized by providing a common application capability memory means to memorize the detected common application capability, and a notice means of common application capability to notify the common application capability concerned to a partner terminal.

[Claim 10] Furthermore, the terminal unit possessing a display means to display the application software belonging to the above-mentioned common application capability according to claim 9.

[Detailed Description of the Invention]

[0001]

[Field of the Invention] More specifically, this invention relates to the communication meeting system, method, and terminal unit which hold a conference while performing various application software among two or more terminals connected by a communication line about a communication meeting system, a method, and a terminal unit.

[0002]

[Description of the Prior Art] when the function of the personal computer was markedly alike and improved in recent years, the communication meeting system which uses a personal computer as a base is going to be proposed variously, and put in practical use.

[0003] There is an application share function as a typical function which a communication meeting system has. From all the meeting participating terminals, make an application share function operational and the application software which one of the meeting participating terminals connected by the communication line has by this Even when a certain application software is not installed in all meeting participating terminals, cooperation working can be carried out operating the application software by all participants.

[0004] In addition, in these days, much software can read now without trouble the file which different application software created. Such software can be substantially regarded as the same software. Moreover, there are some which can be saved in the form which can be read by different application software. In this case, it will be compatible by both file reading and the beginning.

[0005] The conventional communication meeting system is premised on having such an application share function.

[0006]

[Problem to be solved by the invention] However, in the conventional communication meeting system, the application software installed in common with each terminal which has participated in the communication meeting cannot be checked. Therefore, application software by which the data created during the meeting between remote places using the application share function are not installed in the self-terminal (the application software which has the compatibility of file reading at least is included.) It is the same hereafter. When created, the data will not be able to be edited at a self-terminal after the end of a meeting, but the opportunity of use will decrease substantially.

[0007] Then, this invention aims at showing the communication meeting system, method, and terminal unit which can check easily the application software installed common to each meeting participating terminal.

[0008] This invention aims at showing the communication meeting system, method, and terminal unit which can choose easily what is installed common to each meeting participating terminal as application software which should be operated again, when using an application share function.

[0009]

[Means for solving problem] [the communication meeting system concerning this invention] among two or more terminals connected through a communication line It is the communication meeting system which holds a communication meeting using an application share function. (1) one terminal transmits the application capability of self to the terminal of

another side -- (2) -- [the terminal of the another side concerned] transmitting to concerned one terminal, while detecting and memorizing the common application capability common to the application capability to have received, and the application capability of self -- (3) -- concerned one terminal is characterized by memorizing the common application capability transmitted from the terminal of the another side concerned.

[0010] Thus, two or more terminals can check the common application capability to provide in common.

[0011]

[Mode for carrying out the invention] With reference to Drawings, the form of operation of this invention is explained in detail hereafter.

[0012] Drawing 1 is the outline configuration block figure of the communication meeting terminal used for the communication meeting system of one work example of this invention. The communication meeting terminals 10A, 10B, and 10C used as the base connect a personal computer to the communications network 12 which consists of a public correspondence network or leased lines, such as PSTN or ISDN, etc. Since each fundamental composition of each communication meeting terminals 10A, 10B, and 10C is the same, to drawing 1, only the composition of the communication meeting terminal 10A has been illustrated in detail.

[0013] In Terminal 10A, CPU by which 14 controls the communication meeting terminal 10A, and 16 are display devices which display various kinds of data of the application capability acquired from the partner terminal, and contain an image monitoring device. In addition to this, the operation equipment with which the memory storage which stores the program and application capability for 18 to control the communication meeting 10A, and required data, and 20 consist of a keyboard, a mouse, etc., and 22 are communication control units which control communication through the connection with a communications network 12, and a communications network 12.

[0014] Operation of this example is explained. Drawing 2 shows the flow chart of a sending end, and drawing 3 shows the flow chart by the side of reception. It is assumed that Terminal 10A communicates with Terminal 10B. Of course, plural is sufficient as a partner terminal.

[0015] Transmitting operation is explained that Terminal 10A is a sending end. CPU14 collect the information on the application software of the creation origin from the extension of the file memorized by the memory storage 18 as meeting data (S1). When the discernment information on the application software of a creating agency is stored in the inside of a file as a file header etc., the information on the application software of a creating agency is collected from the discernment information. And it notifies to a partner terminal (here terminal 10B) by making the information on the collected application software into application capability (S2).

[0016] It waits for the response from a partner terminal (S3). The response from a partner terminal is usually the application capability common to the application capability notified by S2, and the application capability of a partner terminal.

[0017] When the response from a partner terminal is common application capability (S4), the common application capability is memorized to the memory storage 18 (S5), and if it is not common application capability, it will end, without doing anything.

[0018] Next, operation by the side of reception (here terminal 10B) is explained. It waits for the message from a partner terminal (here terminal 10A) (S11). When the message which received is the notice of the application capability of a partner terminal (S12), the application capability is memorized to memory storage.

[0019] Like S1 of drawing 2, by the extension of the file of a self-terminal (here terminal 10B), the information on the application software of a self-terminal is detected (S13), and common application capability is detected as contrasted with the application capability from a partner terminal (S14). And while memorizing the detected common application capability to memory storage (S15), it is notified to a partner terminal (here terminal 10A) (S16).

[0020] Thus, common application capability can be checked and recognized at two terminals 10A and 10B.

[0021] Drawing 4 shows the flow chart of the method of presentation of common application capability. If it investigates whether there is any common application capability (S21) and there is common application capability (S21), it will be investigated whether it is icon display mode (S22). If it is icon display mode (S22), for example, as shown in drawing 5, common application will be displayed by an icon (S23). If it is not icon display mode (S22), it

will end as it is. In addition, generally in drawing 5, the program name displayed under an icon is a software maker's trademark.

[0022] Although communication between 2 terminals was explained to the example, communication between three or more terminals is also the same. In the case of three or more terminals, any one terminal checks the common application capability between other two or more terminals, memorizes the application capability common to two or more of the common application capability as final common application capability, and notifies to other terminals.

[0023]

[Effect of the Invention] According to this invention, two or more terminals can check easily the application capability to provide in common so that he can understand easily from the above explanation.

[Brief Description of the Drawings]

[Drawing 1] It is the outline configuration block figure of one work example of this invention.

[Drawing 2] It is the operation flow chart of the sending end of this example.

[Drawing 3] It is an operation flow chart by the side of reception of this example.

[Drawing 4] It is the flow chart of the method of presentation of the common application capability of this example.

[Drawing 5] It is the example of an icon display of common application.

[Explanations of letters or numerals] 10A, 10B, 10C:communication meeting terminal 12:communications-network 14:CPU16:display-device 18:memory-storage 20:operation equipment 22: Communication control unit

[Translation done.]